

**Utah System of Higher Education
New Academic Program Proposal
Cover/Signature Page - Abbreviated Template**

Institution Submitting Request: University of Utah
Proposed Program Title: Occupational Safety and Health Minor
Sponsoring School, College, or Division: College of Health
Sponsoring Academic Department(s) or Unit(s): Department of Health, Kinesiology and Recreation
Classification of Instructional Program Code¹ : 15.0701
Min/Max Credit Hours Required of Full Program: 21 / 24
Proposed Beginning Term²: Fall 2018
Institutional Board of Trustees' Approval Date:

Program Type:

<input type="checkbox"/>	Certificate of Proficiency	<input type="checkbox"/>	Entry-level CTE CP	<input type="checkbox"/>	Mid-level CP
<input type="checkbox"/>	Certificate of Completion				
<input checked="" type="checkbox"/>	Minor				
<input type="checkbox"/>	Graduate Certificate				
<input type="checkbox"/>	K-12 Endorsement Program				
<input type="checkbox"/>	NEW Emphasis for Regent-Approved Program <i>Credit Hours for NEW Emphasis Only:</i> / <i>Current Major CIP:</i> <i>Current Program Title:</i> <i>Current Program BOR Approval Date:</i>				
<input type="checkbox"/>	Out of Service Area Delivery Program				

Chief Academic Officer (or Designee) Signature:

I, the Chief Academic Officer or Designee, certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Please type your first and last name _____ Date: _____

☐ I understand that checking this box constitutes my legal signature.

¹ For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

² "Proposed Beginning Term" refers to first term after Regent approval that students may declare this program.

**Utah System of Higher Education
Program Description - Abbreviated Template**

Section I: The Request

University of Utah requests approval to offer the following Minor: Occupational Safety and Health Minor effective Fall 2018. This program was approved by the institutional Board of Trustees on .

Section II: Program Proposal/Needs Assessment

Program Description/Rationale

Present a brief program description. Describe the institutional procedures used to arrive at a decision to offer the program. Briefly indicate why such a program should be initiated. State how the institution and the USHE benefit by offering the proposed program. Provide evidence of student interest and demand that supports potential program enrollment.

The Minor in Occupational Safety and Health (OSH) within the Department of Health, Kinesiology and Recreation is designed to meet the need for OSH professionals that protect the health and well-being of workers by recognizing and controlling workplace hazards. OSH professionals require a unique set of science, math, technical, inter-personal, and business skills to be successful. To create a quality Minor in OSH within the existing Health Promotion & Education program, the minor will require a minimum of 21 credits in OSH. It is anticipated that up to 30 qualified students will matriculate into the minor each year. The program will require 21 credits of specialized training and education focusing on applied sciences and management skills identified as critical for success for OSH professionals. A practical learning experience in a professional setting (internship) is also a requirement for degree completion. This is expected to help meet the educational requirements for obtaining Certified Safety Professional (CSP) credentials through the Board of Certified Safety Professionals (BCSP).

Labor Market Demand

Provide local, state, and/or national labor market data that speak to the need for this program. Occupational demand, wage, and number of annual openings information may be found at sources such as Utah DWS Occupation Information Data Viewer (jobs.utah.gov/jsp/wi/utalmis/gotoOccinfo.do) and the Occupation Outlook Handbook (www.bls.gov/oco).

NIOSH released findings of the National Assessment of the Occupational Safety and Health Workforce in 2011 (NIOSH 200-20000-0817). Professional demand for OSH professionals was projected at 5,000/year compared to 2,845 projected OSH graduates/year. This gap in supply of OSH graduates is forecasted to be further exacerbated by NIOSH's projected retirements of working OSH professionals. Organizations are determining that, as their OSH programs are becoming increasingly sophisticated, they require professionals with specific training and problem solving skills consistent with the educational emphases that are incorporated in this proposal. Many organizations have identified a need for BS level trained OSH professionals who can work to assure accidents are prevented, worker's compensation costs are reduced, and regulatory requirements are met. Business competitiveness improves when programs that prevent occupational injuries and illnesses, lowering workers compensation costs. Therefore, access to qualified OSH professionals improves the overall business climate and makes Utah a desirable location business local for expansion. The minor addresses major market needs in areas including those generated through businesses; consulting companies; insurance underwriters local, state and federal governments; academic and research institutions. Specific industries in Utah and the Intermountain West with these needs include manufacturing, mining, utilities, construction, transportation and healthcare. This program will provide Utah employers a larger supply of diverse, well-trained, OSH professionals.

Consistency with Institutional Mission/Impact on Other USHE Institutions

Explain how the program is consistent with the institution's Regents-approved mission, roles, and goals. Institutional mission and roles may be found at higheredutah.org/policies/policyr312/ . Indicate if the program will be delivered outside of designated service area; provide justification. Service areas are defined in higheredutah.org/policies/policyr315/ .

The University of Utah minor will fill an unmet need at the UU and in the State of Utah. Though occupational health training has been available for 40 years, undergraduate OSH training has not existed and many businesses require employees with BS degrees. This has been quantified in detail in the NIOSH Workforce Services Survey as abstracted above. This need has been strongly concurred by the business and labor community in the State of Utah. Thus, this proposed program addresses a major curricular/educational gap in the USHE system.

This program targets previously identified areas for Utah State Higher Education (USHE) development involving health, engineering and the environment through enhancing and preserving renowned programs; retaining access of students to such programs in Utah; providing businesses in Utah with access to a supply of diverse, well-trained occupational safety and health professionals; developing faculty to teach these disciplines; and continuing to improve the business climate of the State of Utah. The improved competitiveness for business is provided through programs that prevent occupational injuries and illnesses, lower workers compensation costs, and make Utah more competitive than other states as businesses seek expansion sites.

Finances

What costs or savings are anticipated in implementing the proposed program? If new funds are required, indicate expected sources of funds. Describe any budgetary impact on other programs or units within the institution.

Currently, funding from a variety of resources is expected to cover the start up costs of the program, with ongoing support levels from student participation in the program making it self-sufficient in year 4. The Utah State Legislature provided \$125,000 in one-time start up funding in the 2015 General Session (S.B. 3 Appropriations Adjustments). A large donation (\$100,000) has already been received to support start-up of this program from the Worker's Compensation Fund (WCF). Additional industry support has been received (~\$35K). Continued industry support is anticipated. Ongoing costs will be covered by the University funding model and reassignment of instructional duties. Some of the instructors will be experts from the community. These instructors will be paid according to our auxiliary faculty pay scale.

Section III: Curriculum

Program Curriculum

List all courses, including new courses, to be offered in the proposed program by prefix, number, title, and credit hours (or credit equivalences). Indicate new courses with an X in the appropriate columns. The total number of credit hours should reflect the number of credits required to receive the award. **For NEW Emphases, skip to emphases tables below.**

For variable credits, please enter the minimum value in the table below for credit hours. To explain variable credit in detail as well as any additional information, use the narrative box below.

Course Number	NEW Course	Course Title	Credit Hours
General Education Courses (list specific courses if recommended for this program on Degree Map)			
General Education Credit Hour Sub-Total			
Required Courses			
HEDU 3520	X	Introduction to Occupational Safety and Health	3
HEDU 3530	X	Workplace Hazard Recognition	3
HEDU 3540	X	Ergonomics and Human Factors	3
HEDU 3550	X	Workplace Health Exposures	3
HEDU 3560	X	Managing Occupational Safety and Health Programs	3
HEDU 3570	X	Risk Assessment and Management	3
HEDU 5990		Preceptorship	3
Add Another Required Course			
Required Course Credit Hour Sub-Total			21
Elective Courses			
Add Another Elective Course			
Elective Credit Hour Sub-Total			
Core Curriculum Credit Hour Sub-Total			21

Propose a NEW Emphasis to an existing Regent approved program

Program Curriculum Narrative

Describe any variable credits. You may also include additional curriculum information, as needed.

Degree Map

Degree maps pertain to undergraduate programs ONLY. Provide a degree map for proposed program. Degree Maps were approved by the State Board of Regents on July 17, 2014 as a degree completion measure. Degree maps or graduation plans are a suggested semester-by-semester class schedule that includes prefix, number, title, and semester hours. For more details see <http://higheredutah.org/pdf/agendas/201407/TAB%20A%202014-7-18.pdf> (Item #3).

Please cut-and-paste the degree map or manually enter the degree map in the table below

First Year Fall	Cr. Hr.	First Year Spring	Cr. Hr.
HEDU 3520 - Introduction to Occ Safety & Hlth	3	HEDU 3540 - Ergonomics and Human Factors	3
HEDU 3530 - Workplace Hazard Recognition	3	HEDU 3550 - Workplace Health Exposures	3
Total	6	Total	6
Second Year Fall	Cr. Hr.	Second Year Spring	Cr. Hr.
HEDU 3560 - Managing OSH Programs	3	HEDU 5990 - Preceptorship	3
HEDU 3570 - Risk Assessment & Management	3		
Total	6	Total	3